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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

US PATENT & TRADEMARK  
OFFICE

Applicant: James D. Pylant et al..

Examiner: Jack Lavinder

Serial No.: 10/620,282

Group Art Unit: 3677

Title: BARE DIE TRAY CLIP

**REQUEST FOR REFUND**

Applicant overpaid the fee for adding new claims in the above-identified application.. Applicant added new claims on June 16, 2005 such that 29 claims remained after the amendment. However, Applicant paid for 31 claims instead of 29—two extra claims. Therefore, Applicant is entitled to a refund of \$100 (\$50 for each of the two claims that were not added). In other words, Applicant paid \$200 to add two new claims, when Applicant should have paid only \$100. A copy of the Fee Transmittal that details the amount that was previously paid accompanies this document. The Commissioner is requested to credit the overpayment of \$100 to Applicant's Deposit Account (50-2991).

Respectfully submitted,

Isabelle R. McAndrews  
Attorney for Applicants  
Registration No. 34,998

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Isabelle R. McAndrews

09-09-05

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James D. Pylant et al.  
Serial No.: 10/620,282  
Filing Date: July 14, 2003

Group Art Unit: 3677  
Examiner: J. Lavinder  
Atty Docket No.: PI-015

Title: **BARE DIE TRAY CLIP**

**FEE TRANSMITTAL FOR AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is a Response to Restriction Requirement and Amendment that adds new claims. The additional fee due for this amendment is calculated below.

**FEE CALCULATION**

	Claims remaining after amendment	Highest No. previously paid for	Extra new claims	Large Entity Fee
Total Effective Claims	31	27	4	\$50
Independent Claims	3	3	0	\$200
Extension fee	NONE IS DUE			\$200

**Total Fees Due: \$200**

The Commissioner is authorized to charge the fee that is due in association with this Amendment to Deposit Account 50-2991.

Respectfully submitted,

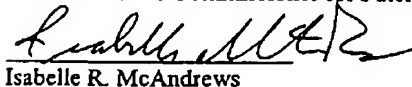


Isabelle R. McAndrews, Reg. No. 34,998

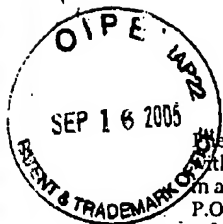
Dated: 06-16-05

**Certificate of Mailing**

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Isabelle R. McAndrews

06-16-05  
Date



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*Isabelle R. McAndrews*  
Isabelle R. McAndrews

*09-09-05*

Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: James D. Pylant et al.

Group Art Unit: 3677

Serial No.: 10/620,282

Examiner: Jack Lavinder

Filing Date: July 14, 2003

Attorney Docket: PI-015

Title: **BARE DIE TRAY CLIP**

Mail Stop: Amendment  
Asst Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Sir:

This Amendment is in response to the Office Action dated  
September 2, 2005. Applicants request reconsideration of the application  
in view of the following amendments and remarks.

## IN THE CLAIMS

1. (Previously amended) An apparatus for clamping together in a stack at least one tray adapted to hold a plurality of integrated circuits in pockets disposed therein and a cover, the apparatus comprising:

a base forming a bottom of a channel, the channel allowing for the insertion and removal of the stack;

first and second restraining segments attached to the base that together with the base form a channel structure, wherein the channel structure restricts substantial movement of the stack both transverse to a length of the channel and perpendicular to a plane of the base; and

at least two pressure members attached to the channel structure, wherein each pressure member applies pressure on a portion of the perimeter of the stack to clamp the stack together between each of the pressure members and part of the channel structure to prevent movement of the tray independent of the cover and to retain the integrated circuits disposed within the pockets of the tray.

2. (Previously amended) The apparatus of claim 1 wherein the at least two pressure members apply pressure to the stack, and include:

a first resilient member extending from the base on one end of the channel; and

a second resilient member extending from the base on a second end of the channel that is opposite the one end of the channel.

3. (Previously amended) The apparatus of claim 1 wherein the first and second restraining segments comprise parallel walls extending upward from the base; and

a protrusion attached to each wall above the base and extending inwards towards the channel so as to extend over a portion of the perimeter of the stack when the stack is inserted in the channel.

4. (Previously amended) The apparatus of claim 3, wherein the stack is clamped together between the protrusions and the two pressure members,

wherein the at least two pressure members comprise:

a first resilient member extending from the base on one end of the channel; and

a second resilient member extending from the base on a second end of the channel that is opposite the one end of the channel.

5. (Currently amended) The apparatus of claim 3, wherein the stack is clamped together between the protrusions and the two pressure members, and

wherein the two pressure members

are located on a longitudinal axis orthogonal to a wall of the channel structure.

6. (Currently amended) ~~An apparatus as recited in~~ The apparatus of claim 3, wherein the portion of the channel structure is the base; and stack is clamped together between the base and the two pressure members

~~wherein the two pressure members include:~~

~~a first pressure member extending from one of the protrusions and positioned adjacent the one side of the channel; and~~

~~a second pressure member extending from the other of the protrusions and positioned adjacent the opposing side of the channel.~~

7. (Currently Amended) ~~An apparatus as recited in~~ The apparatus of claim 1, wherein only the at least two pressure members apply pressure to the stack, and include:

~~a first pressure member extending from one of the base and one of the protrusions and positioned adjacent the one side of the channel; and  
a second pressure member extending from one of the base and the other of the protrusions positioned adjacent the opposing side of the channel~~ are located on a longitudinal axis orthogonal to a wall of the channel structure.

8. (Original) The apparatus according to claim 1 wherein the apparatus is injection molded in one piece using an injection molding material.

9. (Previously Amended) The apparatus according to claim 8 wherein the at least two pressure members each are disposed in a first plane different than a second plane formed by a surface of the channel structure.

10. (Previously Amended) The apparatus of claim 9 wherein the first and second restraining segments each comprise:

parallel walls extending upward from the base; and  
a protrusion attached to each wall above the base and extending inwards towards the channel so as to extend over a portion of the perimeter of the stack when the stack is inserted in the channel.

11. (Previously Amended) The apparatus of claim 10 wherein the stack is clamped together between the protrusions and the two pressure members,

wherein the at least two pressure members include:

a first resilient member extending from the base on one end of the channel; and

a second resilient member extending from the base on a second end of the channel that is opposite the one end of the channel.

12. (Previously Amended) The apparatus of claim 10 wherein the stack is clamped together between the protrusions and the two pressure members, and

wherein the at least two pressure members

are located on a longitudinal axis orthogonal to a wall of the channel structure.

13. (Previously Amended) The apparatus of claim 10 wherein the stack is clamped together between the base and the two pressure members.

14. (Cancelled)

15. (Cancelled)

16. (Previously Amended) An apparatus for clamping together in a stack at least one tray and a cover, the apparatus comprising:

horizontal restraining means for restraining the stack of at least one tray and cover laterally in one direction;

vertical restraining means for restraining the stack in a vertical direction; and

pressure means for application of a force to urge the stack into contact with a portion of the vertical restraining means, wherein the pressure means is configured for applying the force to a perimeter of the stack.

17. (Previously amended) The apparatus of claim 16 wherein:  
the horizontal restraining means includes first and second side walls spaced apart to form a channel; and  
the vertical restraining means includes a base and first and second protrusions, each protrusion extending inwards from the first and second walls.

18. (Previously amended) The apparatus of claim 17 wherein the pressure means is attached to the base.

19. (Previously amended) The apparatus of claim 18 wherein the pressure means includes a first resilient member disposed at a first end of the channel and a second resilient member disposed at a second end of the channel.

20. (Previously amended) The apparatus of claim 18 wherein the pressure means includes a first resilient member disposed on the base opposite the first protrusion and a second resilient member disposed on the base opposite the second protrusion

21. (Previously amended) The apparatus of claim 17 wherein the pressure means is attached to the first and second protrusions.

22. (Previously amended) The apparatus of claim 21 wherein the pressure means includes a first resilient member attached to the first protrusion and a second resilient member attached to the second protrusion.

23. (Cancelled)

24. (Original) An apparatus as recited in claim 1 wherein said pressure is additionally applied to a non-perimeter area.



25. (Original) An apparatus as recited in claim 16 wherein a force is additionally applied to a non-perimeter area.

26. (Cancelled)

27. (Previously presented) The apparatus of claim 16, further comprising flexible retainers attached to the base to assist in securing a stack within the apparatus.

28. (Previously presented) An apparatus for clamping together in a stack at least one tray adapted to hold a plurality of integrated circuits in pockets disposed therein and a cover, the apparatus comprising:

a base forming a bottom of a channel, the channel allowing for the insertion and removal of the stack;

first and second restraining segments attached to the base that together with the base form a channel structure; and

at least two pressure members attached to the channel structure, wherein each pressure member applies pressure on the stack to clamp the stack together between each of the pressure members and part of the channel structure.

29. (Previously presented) The apparatus of claim 28, wherein each pressure member applies pressure to a portion of a perimeter of the stack.

30. (Previously presented) The apparatus of claim 28, further comprising protrusions that extend from each restraining segment.

31. (Previously presented) The apparatus of claim 30, wherein the stack is clamped together between the protrusions and the two pressure members, and wherein the two pressure members are located on a longitudinal axis orthogonal to a wall of the channel structure.

32. (Previously presented) The apparatus of claim 28, wherein the first and second restraining segments each comprise:

- parallel walls extending upward from the base; and
- a protrusion attached to each wall above the base and extending inwards towards the channel so as to extend over a portion of the perimeter of the stack when the stack is inserted in the channel.

33. (Previously presented) The apparatus of claim 28, wherein said apparatus is a unitary assembly.

### REMARKS

Claims 1 -13, 16 -22, 24, 25 and 27 - 33 are pending. Claims 6 and 7 were amended to correct a prior amendment that contained typographical errors.

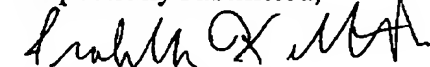
In response to the Election of Species Requirement, Applicants elect to prosecute Species #1 (Figs. 5 - 7) with traverse. Species #1 corresponds to claims 1 - 6, 8 -11, 14 -23, 28 - 30, 32, and 33.

Applicants request reconsideration of the Election of Species Requirement. All of the claims were previously examined and rejected by the prior Examiner. In addition, all of the independent claims are generic. Since the claims have already been examined together, continuing to examine the apparatus claims as a group will not pose an undue burden on the Examiner. Moreover, since all the independent apparatus claims are generic, it would be fairly easy for the Examiner to search all the apparatus claims together.

Claims 1, 16, and 28 read on each of the four species identified by the Examiner. Table 1 (attached hereto) illustrates how each element of claims 1, 16, and 28 is present in each one of the species. The Examiner is requested to acknowledge that claims 1, 16, and 28 are in fact generic.

Should any questions pertaining to this case remain, the Examiner is encouraged to contact the undersigned at (510) 449-0119.

Respectfully submitted,



Isabelle R. McAndrews  
Attorney for Applicants  
Registration no. 34,998

Table 1

Claim 28 Element	Fig.(s)	Reference #	Species	Specification
<i>A base forming a channel</i>	5	46	1	
	8	85	2	
	9	unlabeled	3	
	10	110	4	
<b>Restraining Segments</b>	5 - 7	48	1	The restraining segments [48 and 50] and base restrict lateral and vertical movement of a stack of trays placed in the channel. <i>Page 4, para. 22, lines 3 - 7.</i>
	8	vertical wall extending from base 85	2	
	9	vertical wall extending from base 85	3	
	10	vertical wall extending from base 110	4	
<b>Pressure members</b>	5 - 7	60, 62	1	The pressure member[s] ... 60 and 62 extending from base 46... having contact areas 68 and 70 positioned so as to contact and apply and upward forces on ...edge... portions 72 and 74 (Fig. 6) of a bottom tray of a stack inserted in the clip 36. <i>Page 4, para. 23, lines 3 - 8.</i>
	8	78, 83	2	[Fig. 8 illustrates an] alternate embodiment, wherein springs 83 similar to springs 78 can be alternatively positioned and attached to the protrusions 80 and 82 for pressuring perimeter portions of a stack of trays, forcing the stack against the base 85. <i>Page 5, lines 20 - 22.</i>
	9	86	3	Resilient members 86 are shown having an integral, molded design... placed near the right and left tray edges.... <i>Page 5, paragraph 25, lines 12 - 15.</i>
	11	88	4	[R]esilient leaf members 90 and 92 are shown positioned so as to bring leaf surfaces 94 and 96 into contact with edge portions of a tray 98 when inserted into the clip channel 100. <i>Page 5, last 4 lines.</i>



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*Isabelle R. McAndrews*  
Isabelle R. McAndrews

06-16-05  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: James D. Pylant et al.

Group Art Unit: 3677

Serial No.: 10/620,282

Examiner: Jack Lavinder

Filing Date: July 14, 2003

Attorney Docket: PI-015

Title: **BARE DIE TRAY CLIP**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313

**RESPONSE TO RESTRICTION REQUIREMENT AND AMENDMENT**

Sir:

This Communication is being submitted in response to the Office Action dated  
June 7, 2005. Applicants request that the claims be amended as set forth below.

✓ 06/20/2005 EAREGAY1 00000035 502991 10620282

FC:1202 200.00 DA

Adjustment date: 11/09/2005 SDENBB01

06/20/2005 EAREGAY1 00000035 502991 10620282

01 FC:1202 200.00 CR

11/09/2005 SDENBB01 00000032 502991 10620282

01 FC:1202 100.00 DA

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